

Third Franco-Japanese Symposium on Singularities

Dates : September 13 - 18, 2004

Place : Hokkaido University, Sapporo Japan

Organizers : Jean-Paul Brasselet (IML, Marseille), jpb@iml.univ-mrs.fr
Tatsuo Suwa (Hokkaido University, currently Niigata University),
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Program :

September 13 (Monday)

- 9:45 - 10:45 D.T. Lê (ICTP, Trieste)
Linear systems and multiplicity of ideals
- 11:00 - 12:00 Opening ceremony with a speech of Mr. Bernard de Montferrand,
Ambassadeur de France au Japon
- 13:45 - 14:45 S. Ishii (Tokyo Institute of Technology)
The Nash problem for a non-normal singularity
- 15:15 - 16:15 W. Ebeling (Universität Hannover)
Indices of vector fields or 1-forms and characteristic numbers
- 16:30 - 17:30 G. Gonzalez-Sprinberg (Université de Grenoble)
On standard Cremona transformations, toric singularities and Segre classes

September 14 (Tuesday)

- 9:30 - 10:30 D. Trotman (Université de Provence)
Indices of vector fields on stratified spaces
- 11:00 - 12:00 S. Tanabé (Moscow Center for Cont. Math. Ed.)
Fibre integrals associated to the non-degenerate complete intersections
- 13:40 - 14:40 E. Hironaka (Florida State University)
Examples of Salem numbers from algebraic links
- 14:50 - 15:30 Y. Nakamura (Kinki University)
On Poincaré polynomials for algebraic local cohomologies
- 16:00 - 16:40 G. Comte (Université de Nice)
On Some Invariants in real equisingularity theory
- 16:50 - 17:30 D.T. Pho (Hokkaido University)
Geometry of smooth quartic curves and its dual curves

September 15 (Wednesday)

- 9:30 - 10:30 H. Hironaka (JAMS, Tokyo)
Desingularization in positive characteristics

11:00 - 12:00 M. Vaquié (Université Paul Sabatier)
Extension of a valuation

September 16 (Thursday)

- 9:30 - 10:30 M. Tibăr (Université de Lille)
Curvature of affine hypersurfaces
- 11:00 - 12:00 M. Hanamura (Tohoku University)
Mixed motivic sheaves and intersection cohomology
- 14:00 - 14:40 M. Watari (Saitama University)
Plane curve singularities whose Milnor and Tjurina numbers differ by three
- 14:50 - 15:30 A. Pichon (IML, Marseille)
Some generalizations of Mumford's criterion in the non-isolated case
- 16:00 - 16:40 M. Ishikawa (Tokyo Institute of Technology)
On generalization of divide fibrations to 3-manifolds
- 16:50 - 17:30 P. Popescu-Pampu (Université de Paris VII)
On the contact structure on the link of an isolated singularity

September 17 (Friday)

- 9:30 - 10:30 T. Ohmoto (Hokkaido University)
Equivariant Chern classes of singular G -varieties and generating functions
- 11:00 - 12:00 K. Saito (RIMS, Kyoto)
Linearization of discriminant locus
- 13:45 - 14:45 S. Yokura (Kagoshima University)
Characteristic classes of provarieties and Green functors
- 15:00 - 15:40 V. Blanloeil (Université de Strasbourg)
Fibered knots in low and high dimensions
- 16:00 - 17:00 M. Oka (Tokyo Metropolitan University)
Geometry of Fermat curves and its application
- 17:10 - 17:30 Closing ceremony with presentation by Mr. Michel Israël,
Conseiller pour la science et la technologie, Ambassade de France au Japon

September 18 (Saturday)

Excursion (Bus tour to Mt. Taisetsu-zan)